#9

SEQUENCE LISTING

<110> Weston, et al.

<120> MALE-STERILE BRASSICA PLANTS AND METHOD FOR PRODUCING SAME

<130> 514412-2020.1

<140> 09/698,903
<141> 2000-10-27

<150> 09/430,437
<151> 1999-10-29

<160> 14

<170> PatentIn version 3.0

<210> 1
<211> 5865
<212> DNA
<213> Artifical Sequence

<220>
<221> misc_feature
<222> (1)..(5865)
<223> DNA sequence of regions comprised between the T-DNA border repeat
       s of plasmid pTCO113

<400> 1
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gtcgataaga aaaggcaatt tgtagatgtt aattcccatc ttgaaagaaa tatagtttaa   120

atatttattg ataaaataac aagtcaggta ttatagtcca agcaaaaaca taaatttatt   180

gatgcaagtt taaattcaga aatatttcaa taactgatta tatcagctgg tacattgccg   240

tagatgaaag actgagtgcg atattatgtg taatacataa attgatgata tagctagctt   300

agctcatcgg gggatcctag aacgcgtgat ctcagatctc ggtgacgggc aggaccggac   360

ggggcggtac cggcaggctg aagtccagct gccagaaacc cacgtcatgc cagttcccgt   420

gcttgaagcc ggccgcccgc agcatgccgc gggggggcata tccgagcgcc tcgtgcatgc   480

gcacgctcgg gtcgttgggc agcccgatga cagcgaccac gctcttgaag ccctgtgcct   540

ccagggactt cagcaggtgg gtgtagagcg tggagcccag tcccgtccgc tggtggcggg   600

gggagacgta cacggtcgac tcggccgtcc agtcgtaggc gttgcgtgcc ttccaggggc   660

ccgcgtaggc gatgccggcg acctcgccgt ccacctcggc gacgagccag ggatagcgct   720

cccgcagacg gacgaggtcg tccgtccact cctgcggttc ctgcggctcg gtacggaagt   780

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cggtggcacg gcggatgtcg gccgggcgtc gttctgggtc cattgttctt ctttactctt    900

tgtgtgactg aggtttggtc tagtgctttg gtcatctata tataatgata acaacaatga    960

gaacaagctt tggagtgatc ggagggtcta ggatacatga gattcaagtg gactaggatc   1020

tacaccgttg gattttgagt gtggatatgt gtgaggttaa ttttacttgg taacggccac   1080

aaaggcctaa ggagaggtgt tgagaccctt atcggcttga accgctggaa taatgccacg   1140

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tttacttact atagagcttt catacctttt ttttaccttg gatttagtta atatataatg   1320

gtatgattca tgaataaaaa tgggaaattt ttgaatttgt actgctaaat gcataagatt   1380

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tcacttccct atcggattga atgtttttact tgtacctttt ccgttgcaat gatattgata   1860

gtatgtttgt gaaaactaat agggttaaca atcgaagtca tggaatatgg atttggtcca   1920

agattttccg agagctttct agtagaaagc ccatcaccag aaatttacta gtaaaataaa   1980

tcaccaatta ggtttcttat tatgtgccaa attcaatata attatagagg atatttcaaa   2040

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agatattcaa ctttaaaaat tcgatcagtg tggaattgta caaaaatttg ggatctacta   2160

tatatatata atgctttaca acacttggat ttttttttgg aggctggaat ttttaatcta   2220

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atagtgcatt ttttctaaca accatatatg ttgcgattga tctgcaaaaa tactgctaga   2460

gtaatgaaaa atataatcta ttgctgaaat tatctcagat gttaagattt tcttaaagta   2520
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aattctttca aattttagct aaaagtcttg taataactaa agaataatac acaatctcga   2580

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cggtacccgg ggatcttccc gatctagtaa catagatgac accgcgcgcg ataatttatc   2700

ctagtttgcg cgctatattt tgttttctat cgcgtattaa atgtataatt gcgggactct   2760

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taagaaactt tattgccaaa tgtttgaacg atctgcttcg gatcctctag agccggaaag   2940

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aaaacggcct ccgcaggaag ccgttttttt cgttatctga ttttgtaaa ggtctgataa   3060

tggtccgttg ttttgtaaat cagccagtcg cttgagtaaa gaatccggtc tgaatttctg   3120

aagcctgatg tatagttaat atccgcttca cgccatgttc gtccgctttt gcccgggagt   3180

ttgccttccc tgtttgagaa gatgtctccg ccgatgcttt tccccggagc gacgtctgca   3240

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gttacacttg caccacaagg gcatatatag agcacaagac atacacaaca acttgcaaaa   3480

ctaacttttg ttggagcatt tcgaggaaaa tggggagtag caggctaatc tgagggtaac   3540

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acagattgtt acatggaaaa caaaaagtcc tctgatagaa gtcgcaaagt atcacaattt   4140

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aaaatgtgaa tttcttaatc tgtgtgaaaa caaccaaaaa atcacttatt gtggaccgga    4500

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gcttggacta taataacctga cttgttattt tatcaataaa tatttaaact atatttcttt    5760

caagatggga attaacatct acaaattgcc ttttcttatc gaccatgtac atcgagctct    5820

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<210>  2
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<222>  (1)..(21)
<223>  primer MDB355


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<210>  3
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<400>  3
atagggtggg aggctatttg g                                             21


<210>  4
<211>  15
<212>  DNA
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<222>  (1)..(15)
<223>  primer MDB285


<220>
<221>  variation
<222>  (6)..(6)
<223>  "s" can be either g or c


<220>
<221>  variation
<222>  (1)..(1)
<223>  "n" can be any nucleotide a, c, t or g


<220>
<221>  variation
<222>  (8)..(8)
<223>  "w" can be either a or t(u)
```

```
<220>
<221>  variation
<222>  (12)..(12)
<223>  "w" can be either a or t(u)


<220>
<221>  variation
<222>  (10)..(10)
<223>  "s" can be either g or c


<400>  4
ntcgastwts gwgtt                                                    15


<210>  5
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<212>  DNA
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<220>
<221>  misc_feature
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<400>  5
ggatcccccg atgagctaag ctagc                                        25


<210>  6
<211>  22
<212>  DNA
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<221>  misc_feature
<222>  (1)..(22)
<223>  primer MDB193


<400>  6
tcatctacgg caatgtacca gc                                           22


<210>  7
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<221>  misc_feature
<222>  (1)..(20)
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<400>  7
ctacggcaat gtaccagctg                                                    20


<210>  8
<211>  415
<212>  DNA
<213>  Artificial Sequence

<220>
<221>  misc_feature
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<223>  right (5') border flanking region of elite event MS-B2


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tacggatgag aacaactcac aagcattaat catgttcata taaatatatg tacattatac     120

gtatatatac acgtatacaa atagtagcga agaaatccat gtaaagcagc aggggggcacc    180

atggtttcaa gtattatata attataatta taattatggt aggatgtaca tggccgataa     240

gaaaaggcaa tttgtagatg ttaattccca tcttgaaaga aatatagttt aaatatttat     300

tgataaaata acaagtcagg tattatagtc caagcaaaaa cataaattta ttgatgcaag     360

tttaaattca gaaatatttc aataactgat tatatcagct ggtacattgc cgtag          415


<210>  9
<211>  24
<212>  DNA
<213>  Artificial Sequence

<220>
<221>  misc_feature
<222>  (1)..(24)
<223>  primer MDB8


<400>  9
tcagaagtat cagcgacctc cacc                                               24


<210>  10
<211>  416
<212>  DNA
<213>  Artificial Sequence

<220>
<221>  misc_feature
<222>  (1)..(416)
<223>  left (3') border flanking region of the elite event MS-B2
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<400> 10

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tatttaaact atatttcttt caagatggga attaacatct acaaattgcc ttttcttatc     180
gaccatgtac atcctaccat aattataatt ataattatat aatactgaaa ccatggtgcc     240
ccctgctgct ttacatggat ttctccgcta ctatttgtat acgtgtatat ataccgtata     300
atgtacatat atttatatga acatgattaa tgcttgtgag ttgttctcat ccgtaagagt     360
ttcaatatgt aatggtgaag agtcaaaacc caaaatcatg aacacccaaa ctcgat         416
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<210> 11
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> (1)..(23)
<223> primer MDB371

<400> 11

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gaaatccatg taaagcagca ggg                                              23
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<210> 12
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> (1)..(21)
<223> primer MDB201

<400> 12

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gcttggacta taatacttga c                                                21
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<210> 13
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> (1)..(22)
<223> primer CVZ7(BO1)
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<400> 13
aacgagtgtc agctagacca gc                                                  22


<210> 14
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> (1)..(22)
<223> primer CVZ8 (B02)


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